Memorandum

MIAMI-DADE COUNTY

Date:	September 10, 2010
To:	Honorable Chairman Dennis C. Moss and Members, Board of County Commissioners
From:	George M. Burgess County Manager
Subject:	Ratification of Grant Application to the U.S. Department of Environmental Protection Agency for Snake Creek Trail Design and Community Enhancements

Agenda Item No. 3(J)(1)(B)

Recommendation

It is recommended that the Board approve the attached resolution ratifying the submission of a grant application to the U.S. Department of Environmental Protection Agency (EPA) Climate Showcase Communities program for $491,674 in grant funds for Snake Creek Trail Design and Community Enhancements. The resolution further authorizes the County Mayor or County Mayor's designee to receive and expend funds and execute contracts and amendments as required.

Scope

This project will complete the planning and design of the greenway and trail along the north side of the Snake Creek Canal. The site location is between N.W. 17 Ave / FL Turnpike and Miami Gardens Drive in Commission District 1. The project impact is County-wide.

Fiscal Impact/Funding Source

The grant will contribute $491,674 towards the total project cost of $746,000. The grant match of $254,326 will be funded from Building Better Communities, General Obligation Bond (BBC-GOB) Project No. 51 (North Dade Greenway complete development in District 1 Snake Creek). If the grant is not awarded, the project will be deferred.

Track Record/Monitor

The grant will be administered by Joyce Denny, Grants Administrator for the Miami-Dade County Park and Recreation Department.

Background

EPA provides federal funds through the Climate Showcase Communities program to local agencies for the planning, design and construction of greenways and trails in order to provide transportation alternatives, improve recreational opportunities, and enhance environmental and health benefits resulting from trails. If funded, the proposed comprehensive analysis will integrate the surrounding community as part of the planning and design process and serve as a replication model for other communities across Miami-Dade County and the nation. The methodology will be replicated by the County in future greenway and trail projects as part of the 500 miles of greenways envisioned in the Miami-Dade County Parks and Open Space Master Plan.

Ratification of this application is necessary because there was insufficient time to seek Board approval prior to the application deadline. Match funding for the grant was not

identified until July 21, 2010. The application deadline was July 26, 2010. No work will be performed on the project until the grant is awarded and the Board provides the necessary ratification. Funds are expected to become available in February, 2011.

Attachments

Alex Muñoz
Assistant County Manager

MEMORANDUM

(Revised)

TO: Honorable Chairman Dennis C. Moss and Members, Board of County Commissioners

DATE: September 10, 2010

FROM: R. A. Cuevas, Jr. County Attorney

SUBJECT: Agenda Item No. 3(J)(1)(B)

Please note any items checked.

_____ **"3-Day Rule" for committees applicable if raised**

_____ **6 weeks required between first reading and public hearing**

_____ **4 weeks notification to municipal officials required prior to public hearing**

_____ **Decreases revenues or increases expenditures without balancing budget**

_____ **Budget required**

_____ **Statement of fiscal impact required**

_____ **Ordinance creating a new board requires detailed County Manager's report for public hearing**

_✓_ **No committee review**

_____ **Applicable legislation requires more than a majority vote (i.e., 2/3's ____, 3/5's ____, unanimous_____) to approve**

_____ **Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required**

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 3(J)(1)(B)
9-10-10

RESOLUTION NO. _____

RESOLUTION RATIFYING THE SUBMISSION OF A GRANT APPLICATION TO THE U.S. ENVIRONMENTAL PROTECTION AGENCY CLIMATE SHOWCASE COMMUNITIES PROGRAM FOR $491,674 IN GRANT FUNDS FOR SNAKE CREEK TRAIL DESIGN AND COMMUNITY ENHANCEMENTS; AND FURTHER AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO RECEIVE AND EXPEND FUNDS AND TO EXERCISE ALL PROVISIONS CONTAINED THEREIN

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that this Board ratifies the submission of a Grant Application to the U.S. Environmental Protection Agency (EPA) Climate Showcase Communities program for $491,674 in grant funds for Snake Creek Trail Design and Community Enhancements; and further authorizes the County Mayor or County Mayor's designee to receive and expend all monies for the purposes described in the application; to execute the grant agreement and any necessary amendments to the agreement for and on behalf of Miami Dade County, Florida following approval by the County Attorney's Office and to exercise all provisions contained therein.

The foregoing resolution was offered by Commissioner ,

who moved its adoption. The motion was seconded by Commissioner

and upon being put to a vote, the vote was as follows:

Dennis C. Moss, Chairman
Jose "Pepe" Diaz, Vice-Chairman

Bruno A. Barreiro	Audrey M. Edmonson
Carlos A. Gimenez	Sally A. Heyman
Barbara J. Jordan	Joe A. Martinez
Dorrin D. Rolle	Natacha Seijas
Katy Sorenson	Rebeca Sosa
Sen. Javier D. Souto	

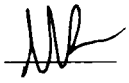
The Chairperson thereupon declared the resolution duly passed and adopted this 10th day of September, 2010. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By:_____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.



Monica Rizo

GRANTS.GOV™

Grant Application Package

Opportunity Title: •CLIMATE SHOWCASE COMMUNITIES•
Offering Agency: Environmental Protection Agency
CFDA Number: 66.041
CFDA Description: Climate Showcase Communities Grant Program
Opportunity Number: EPA-OAR-CPPD-10-09
Competition ID:
Opportunity Open Date: 06/08/2010
Opportunity Close Date: 07/26/2010
Agency Contact: Please contact Jeanette Shepherd at (202) 343-9792.

This electronic grants application is intended to be used to apply for the specific Federal funding opportunity referenced here.

If the Federal funding opportunity listed is not the opportunity for which you want to apply, close this application package by clicking on the "Cancel" button at the top of this screen. You will then need to locate the correct Federal funding opportunity, download its application and then apply.

This opportunity is only open to organizations, applicants who are submitting grant applications on behalf of a company, state, local or tribal government, academia, or other type of organization.

*** Application Filing Name:** Miami-Dade County

Mandatory Documents

Move Form to Complete

Move Form to Delete

Mandatory Documents for Submission

Application for Federal Assistance (SF-424)
Project Narrative Attachment Form
Budget Information for Non-Construction Program

Optional Documents

Other Attachments Form

Move Form to Submission List

Move Form to Delete

Optional Documents for Submission

Instructions

1. **Enter a name for the application in the Application Filing Name field.**

- This application can be completed in its entirety offline; however, you will need to login to the Grants.gov website during the submission process.
- You can save your application at any time by clicking the "Save" button at the top of your screen.
- The "Save & Submit" button will not be functional until all required data fields in the application are completed and you clicked on the "Check Package for Errors" button and confirmed all data required data fields are completed.

2. **Open and complete all of the documents listed in the "Mandatory Documents" box. Complete the SF-424 form first.**

- It is recommended that the SF-424 form be the first form completed for the application package. Data entered on the SF-424 will populate data fields in other mandatory and optional forms and the user cannot enter data in these fields.

- The forms listed in the "Mandatory Documents" box and "Optional Documents" may be predefined forms, such as SF-424, forms where a document needs to be attached, such as the Project Narrative or a combination of both. "Mandatory Documents" are required for this application. "Optional Documents" can be used to provide additional support for this application or may be required for specific types of grant activity. Reference the application package instructions for more information regarding "Optional Documents".

- To open and complete a form, simply click on the form's name to select the item and then click on the => button. This will move the document to the appropriate "Documents for Submission" box and the form will be automatically added to your application package. To view the form, scroll down the screen or select the form name and click on the "Open Form" button to begin completing the required data fields. To remove a form/document from the "Documents for Submission" box, click the document name to select it and then click the <= button. This will return the form/document to the "Mandatory Documents" or "Optional Documents" box.

- All documents listed in the "Mandatory Documents" box must be moved to the "Mandatory Documents for Submission" box. When you open a required form, the fields which must be completed are highlighted in yellow with a red border. Optional fields and completed fields are displayed in white. If you enter invalid or incomplete information in a field, you will receive an error message.

3. **Click the "Save & Submit" button to submit your application to Grants.gov.**

- Once you have properly completed all required documents and attached any required or optional documentation, save the completed application by clicking on the "Save" button.
- Click on the "Check Package for Errors" button to ensure that you have completed all required data fields. Correct any errors or if none are found, save the application package.

OMB Number: 4040-0004
Expiration Date: 01/31/2009

Application for Federal Assistance SF-424

Version 02

*** 1. Type of Submission:**
- [ ] Preapplication
- [x] Application
- [ ] Changed/Corrected Application

*** 2. Type of Application:**
- [x] New
- [ ] Continuation
- [ ] Revision

*** If Revision, select appropriate letter(s):**

*** Other (Specify)**

*** 3. Date Received:** Completed by Grants.gov upon submission.

4. Applicant Identifier:

5a. Federal Entity Identifier:

*** 5b. Federal Award Identifier:**

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

*** a. Legal Name:** Miami-Dade County

*** b. Employer/Taxpayer Identification Number (EIN/TIN):** 59-6000573

*** c. Organizational DUNS:** 131910254

d. Address:

*** Street1:** 111 NW 1st Street, 29th Floor

Street2:

*** City:** Miami

County: Miami-Dade County

*** State:** FL: Florida

Province:

*** Country:** USA: UNITED STATES

*** Zip / Postal Code:** 33128-1994

e. Organizational Unit:

Department Name: Park and Recreation Department

Division Name: Planning and Research Division

f. Name and contact information of person to be contacted on matters involving this application:

Prefix: Mr.

*** First Name:** John

Middle Name: M.

*** Last Name:** Bowers

Suffix:

Title: Landscape Architect 2

Organizational Affiliation: Miami-Dade County Park and Recreation Department

*** Telephone Number:** 305-755-5447

Fax Number: 305-755-7864

*** Email:** jbowers@miamidade.gov

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OMB Number: 4040-0004
Expiration Date: 01/31/2009

Application for Federal Assistance SF-424 Version 02

9. Type of Applicant 1: Select Applicant Type:

B: County Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.041

CFDA Title:

Climate Showcase Communities Grant Program

*** 12. Funding Opportunity Number:**

EPA-OAR-CPPD-10-09

* Title:

•CLIMATE SHOWCASE COMMUNITIES•

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Countywide - entire jurisdiction of Miami-Dade County

*** 15. Descriptive Title of Applicant's Project:**

Conduct a comprehensive analyses and enable planning and design of the North Dade Greenway and trail to provide trail connections to adjacent communities and help reduce CO2 emissions.

Attach supporting documents as specified in agency instructions.

Add Attachments | Delete Attachments | View Attachments

OMB Number: 4040-0004
Expiration Date: 01/31/2009

Application for Federal Assistance SF-424 Version 02

16. Congressional Districts Of:

* a. Applicant 18 * b. Program/Project 17, 18

Attach an additional list of Program/Project Congressional Districts if needed.

congressional_districts_MDC. Add Attachment Delete Attachment View Attachment

17. Proposed Project:

* a. Start Date: 01/01/2011 * b. End Date: 12/31/2012

18. Estimated Funding ($):

* a. Federal	491,674.36
* b. Applicant	254,325.64
* c. State	0.00
* d. Local	0.00
* e. Other	0.00
* f. Program Income	0.00
* g. TOTAL	746,000.00

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .

☒ b. Program is subject to E.O. 12372 but has not been selected by the State for review.

☐ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)**

☐ Yes ☒ No Explanation

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: Mr. * First Name: George

Middle Name: M.

* Last Name: Burgess

Suffix:

* Title: County Manager

* Telephone Number: 305-375-5311 Fax Number: 305-375-1262

* Email: gburgess@miamidade.gov

* Signature of Authorized Representative: Completed by Grants.gov upon submission. * Date Signed: Completed by Grants.gov upon submission.

Application for Federal Assistance SF-424 Version 02

*** Applicant Federal Debt Delinquency Explanation**

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.

Project Narrative File(s)

*** Mandatory Project Narrative File Filename:** Climate Showcase Communities _Narrative_Miami-Dade_Cou

Add Mandatory Project Narrative File | Delete Mandatory Project Narrative File | View Mandatory Project Narrative File

To add more Project Narrative File attachments, please use the attachment buttons below.

Add Optional Project Narrative File | Delete Optional Project Narrative File | View Optional Project Narrative File

BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 4040-0006
Expiration Date 07/30/2010

SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	Total (g)
1. Climate Showcase Communities	66.041	$ 491,674.36	$ 254,325.64	$	$	$ 746,000.00
2.						
3.						
4.						
5. Totals		$ 491,674.36	$ 254,325.64	$	$	$ 746,000.00

Standard Form 424A (Rev. 7- 97)
Prescribed by OMB (Circular A -102) Page 1

SECTION B - BUDGET CATEGORIES

6. Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY (1) Climate Showcase Communities	(2)	(3)	(4)	Total (5)
a. Personnel	$ 62,370.00	$	$	$	$ 62,370.00
b. Fringe Benefits	26,631.00				26,631.00
c. Travel	2,373.36				2,373.36
d. Equipment	0.00				
e. Supplies	1,200.00				1,200.00
f. Contractual	392,700.00				392,700.00
g. Construction	0.00				
h. Other	6,400.00				6,400.00
i. Total Direct Charges (sum of 6a-6h)	491,674.36				$ 491,674.36
j. Indirect Charges	0.00				$
k. TOTALS (sum of 6i and 6j)	$ 491,674.36	$	$	$	$ 491,674.36
7. Program Income	$ 0.00	$	$	$	$

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Standard Form 424A (Rev. 7- 97)
Prescribed by OMB (Circular A -102) Page 1A

SECTION C - NON-FEDERAL RESOURCES

(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e)TOTALS
8. Climate Showcase Communities	$ 254,325.64	$	$	$ 254,325.64
9.				
10.				
11.				
12. TOTAL (sum of lines 8-11)	$ 254,325.64	$	$	$ 254,325.6

SECTION D - FORECASTED CASH NEEDS

	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
13. Federal	$	$	$	$	$
14. Non-Federal	$				
15. TOTAL (sum of lines 13 and 14)	$	$	$	$	$

SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT

(a) Grant Program	FUTURE FUNDING PERIODS (YEARS)			
	(b)First	(c) Second	(d) Third	(e) Fourth
16.	$	$	$	$
17.				
18.				
19.				
20. TOTAL (sum of lines 16 - 19)	$	$	$	$

SECTION F - OTHER BUDGET INFORMATION

21. Direct Charges: $491,674.36

22. Indirect Charges: $0

23. Remarks:

NORTH DADE GREENWAY/SNAKE CREEK TRAIL AND COMMUNITY ENHANCEMENTS

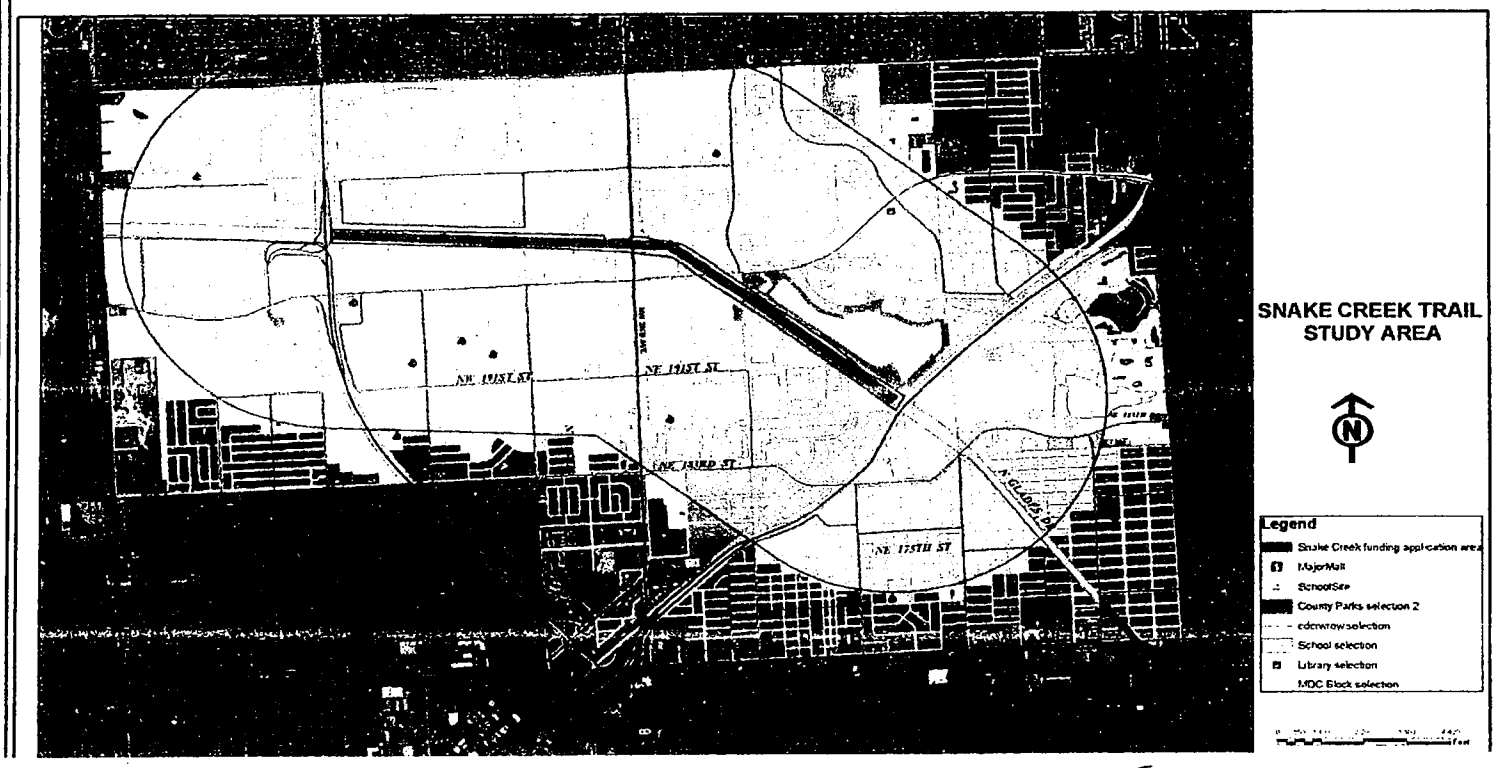
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
CLIMATE SHOWCASE COMMUNITIES
RFP NUMBER: EPA-OAR-CPPD-10-09
CFDA: 66.041

SUBMITTED BY

MIAMI-DADE COUNTY
PARK AND RECREATION DEPARTMENT

MIAMI-DADE COUNTY

JULY 26, 2010



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1. SUMMARY INFORMATION PAGE

Project Title: North Dade Greenway/Snake Creek Trail and Community Enhancements

Applicant Information:

Miami-Dade County Park and Recreation Department
275 NW 2nd Street , 4th Floor
Miami, FL 33128
Contact: John M. Bowers, RLA, AICP
Phone: 305.755.5447
Fax: 305.755.7864
E-mail:jbowers@miamidade.gov

Funding Requested: $491,674.36

Total Project Cost: $746,000. A match in the amount of $254,325.64 will be contributed to the project from the Miami-Dade County Building Better Communities General Obligation Bond Program.

Project period: January 1, 2011 through December 31, 2012

DUNS number: 131910254

Estimate of potential greenhouse gases reductions including assumptions and emissions factors used to calculate those reductions: The proposed project has the potential to reduce more than 24,784 metric tons carbon dioxide equivalent (CO_2e) per year. Reductions are estimated based on: Strategies for Metropolitan Atlanta's Regional Transportation and Air Quality (SMARTRAQ) [2], a recent study of Atlanta, Georgia, which found that travel patterns of residents in the region's least walkable neighborhoods generated about 20 percent higher CO2 emissions than travel by those who live in the most walkable neighborhoods – about 2,000 extra grams of CO2 per person each weekday; and the proposed study area's population of 61,960 residents.

Estimated GHG Emission Reduction in a Walkable Community			
Study Area Population	Reduction of GHG/Grams Per Person Per Weekday	Weekdays per year	Reduction of GHG Emissions in Metric Tons Per Year
61,960	2,000	200	24,784

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2. NARRATIVE PROPOSAL WORK-PLAN

1. PROJECT SUMMARY/APPROACH:

a) (15 pts) Overall Project Approach

Project Summary - Miami-Dade County Park and Recreation Department (MDPRD) requests $491,674.36 from the United States Environmental Protection Agency (EPA) to conduct a comprehensive analysis for the North Dade Greenway area in relation to the Snake Creek Trail corridor in Miami-Dade County. If funded, the project will enable completion of the planning and design of the greenway and trail along the north side of Snake Creek Canal; which would provide critical connections to surrounding neighborhoods including bike lanes, sidewalks and bridges, as well as planning of additional trails within the adjacent neighborhoods. Proposed improvements will: 1) Enhance overall access to the trail and to destination points throughout the community; 2) Provide viable transportation alternatives to the community: 3) Serve as an innovative and cost-effective model for community-level climate mitigation initiatives. . This unique planning approach will support the EPA/HUD/DOT partnership livability principles by: 1) Providing more transportation choices; 2) Increasing economic competitiveness; 3) Supporting existing communities; and 4) Valuing communities and neighborhoods.

In 2008 the Miami-Dade County Board of County Commissioners approved the *Miami-Dade County Parks and Open Space System Master Plan,* a 50-year vision for the provision of great parks; great public spaces; great natural and cultural places; great streets and great greenways; and trails and water trails. More than 500 miles of greenways are envisioned in the Open Space Master Plan. Over the last several years, Miami-Dade County has pursued the planning and design for the portion of the North Dade Greenway referred to as Snake Creek. Funds for construction have been budgeted starting fiscal year 2014 in the amount of $3.9 million. The work focused on moving the user from point A to point B in a linear fashion on the south side of the Snake Creek Canal, a South Florida Water Management District waterway. Upon further review, it became apparent that a comprehensive planning and design approach was needed in order to fully integrate the surrounding communities. If funded, the proposed comprehensive analysis will integrate the surrounding community as part of the planning and design process, and serve as a replication model for other communities across the nation. The methodology will be replicated by the County in future greenway and trail projects as part of the 500 miles of greenways envisioned in the *Miami-Dade County Parks and Open Space System Master Plan.*

Description of specific actions and methods to be undertaken and estimated funding amounts for each work component/task Project objectives, specific actions to be undertaken, and cost estimates for each task are described as follows:

Part I – Existing Conditions Analysis (Year 1)

1.1 **Develop GIS Base Map**– MDPRD will develop a GIS base map of the study area ($14,400).

1.2 **Research Official Documents** – MDPRD will research and gather official documents that may influence the project and prepare a Research Summary ($9,400).

1.3 **Analyze Existing Conditions** – MDPRD will analyze the case study area including, but not limited to of existing conditions to quantify an understanding of the area's current and future land use patterns and plans; parks and recreation facilities; key destinations to evaluate transportation patterns; and bicycle and pedestrian access ($18,200).

1.4 **Conduct Demographic Overview** – MDPRD will conduct a demographic overview analysis of the case study area ($11,150).

1.5 **Research Best Practices** - MDPRD will research the best practices for trail standards and guidelines. MDPRD will incorporate the findings of the research into a summary of lessons learned ($19,100).

1.6 Conduct a SWOT Analysis – MDPRD will **Identify Strengths, Weaknesses, Opportunities and Threats** – MDPRD will identify social, environmental and economic opportunities and strengths; and weaknesses, threats, and constraints associated with existing land uses, transportation networks, and infrastructure within the project boundary ($13,950).

Part 2 – Public Involvement / Scenario Development (Year 1)

2.1 **Conduct Public Involvement** – MDPRD will conduct a series of public meetings to engage the local community, stakeholders and affected interests in the decision making process and promote the concept of reducing GHG. This process will include a variety of public meeting formats as well as a project web site, and the development of an e-newsletter for community residents ($66,400).

2.2 **Develop Preliminary Concept Plans** – MDPRD will, through the course of the public involvement process, prepare preliminary concept plans for the case study area using the results of the existing conditions analysis and the input received from the public to prepare drawings and diagrams to illustrate the potential future development opportunities including, but not limited to trail, bridge, sidewalk, safety crossings, interpretive wayfinding, and their relationship to potential adjacent development ($35,800).

2.3 **Analyze Benefits** – MDPRD will develop the methodology to estimate potential economic, environmental, and social benefits, based on the preferred preliminary concepts. This analysis will include: vehicle trip reduction; destination accessibility; transit access; greenhouse gas emission reduction; health and fitness; property values; tax revenue; job creation and retention; and species protection ($48,200).

2.4 **Develop Priorities** – Based on the expressed desires of the community and on the analysis of the potential benefits, MDPRD will prioritize a list of projects that will be presented and recommended for the Design Phase ($16,700).

Part 3 – Report (Year 2)

3.1 **Draft Report** – MDPRD will prepare a Draft Report that compiles the deliverable products of the above work efforts into a concise document, including: Existing Conditions Analysis; Public Involvement / Development; and Design Documents. The report will be presented in an 11x17 inch color format that will be submitted to the EPA one (1) time for review ($33,200).

3.2 **Final Report** – Based on the comments received, MDPRD will prepare the Final Benefits Analysis Report incorporating comments from the review meeting. The final report will be presented in an 11x17 color format ($19,850).

3.3 **Executive Summary** – MDPRD will develop an Executive Summary of the project highlighting the significant principles of the study ($14,850).

Part 4 – Design (Year 2)

4.1 **Design Development Documents (25%)** – Based on the priorities established in Part 2, MDPRD will develop schematic designs for selected projects in the study area ($68,200).

4.2 **Preliminary Construction Documents (50%)** – Upon review and approval of the Design Development Documents, MDPRD will develop Preliminary Construction Documents that will define the specific construction activities needed to develop the projects ($103,200).

4.3 **Final Construction Documents (100%)** – Upon review and approval of the Preliminary Construction Documents, MDPRD will prepare final Construction Documents, that will be signed and sealed by registered professionals, and ready for inclusion in a construction bid RFB (Request for Bid) ($74,300),

Part 5 – Implementation (Year 2)

5.1 **Educational Outreach** – MDPR will engage in an educational outreach program to promote the benefits of livable communities and sustainable development ($48,200).

5.2 **Wayfinding / Interpretive Signage** – MDPRD will design, fabricate, and install wayfinding and interpretive signage in the study area to encourage non-motorized transportation, and inform the public of the project and opportunities in the area ($78,200).

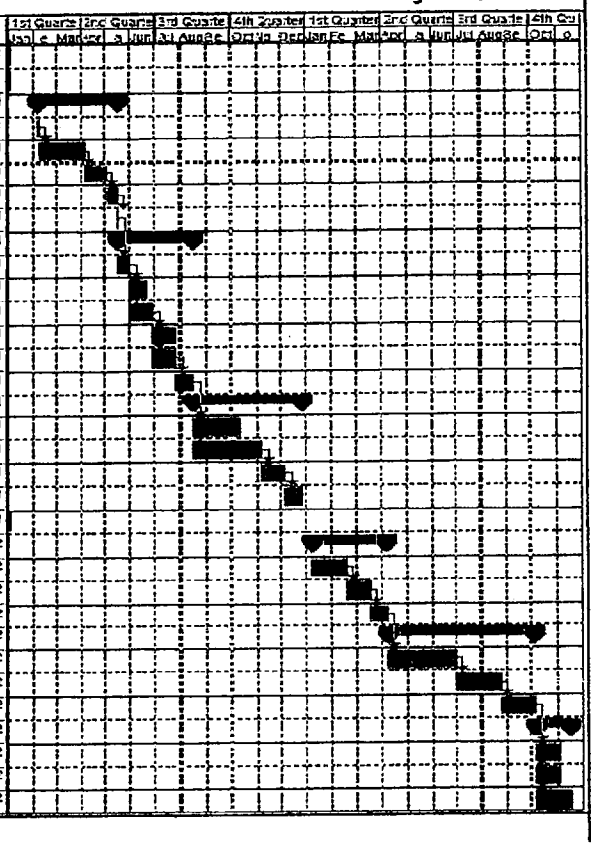
5.3 **Monitoring** – MDPRD will measure the baseline conditions of air quality, health and wellness, and vehicle trip reductions; and develop a strategy to monitor the success of the project in the future ($36,700)

Estimated Timeline - An estimated timeline of the proposed activities are provided as follows:

Miami-Dade Park and Recreation Department
EPA Showcase Communities Grant

Preliminary Project Schedule
July 20, 2010

ID		Task Name	Duration	Start
1		EPA SHOWCASE COMMUNITIES	1 days?	Mon 1/3/11
2		YEAR 1	1 days?	Mon 1/3/11
3		PROJECT START UP	72 days	Mon 2/7/11
4		AWARD NOTIFICATION	1 day	Mon 2/7/11
5		ECO APPROVAL	40 days	Tue 2/8/11
6		CONTRACT APPROVAL	30 days	Tue 4/5/11
7		TRAINING CLASS	10 days	Tue 5/3/11
8		NOTICE TO PROCEED	1 day	Tue 5/17/11
9		EXISTING CONDITIONS ANALYSIS	86 days	Wed 5/18/11
10		DEVELOP GIS BASE MAP	10 days	Wed 5/18/11
11		RESEARCH OFFICIAL DOCUMENTS	15 days	Wed 6/1/11
12		ANALYZE EXISTING CONDITIONS	20 days	Wed 6/1/11
13		CONDUCT DEMOGRAPHIC OVERVIEW	20 days	Wed 6/29/11
14		RESEARCH BEST PRACTICES	20 days	Wed 6/29/11
15		IDENTIFY OPPORTUNITIES AND CONSTRAINTS	15 days	Wed 7/27/11
16		PUBLIC INVOLVEMENT / SCENARIO DEVELOPMENT	96 days	Wed 8/17/11
17		CONDUCT PUBLIC INVOLVEMENT	40 days	Wed 8/17/11
18		DEVELOP SCENARIOS	60 days	Wed 8/17/11
19		ANALYZE BENEFITS	20 days	Wed 11/9/11
20		DEVELOP PRIORITIES	15 days	Wed 12/7/11
21		YEAR 2	1 days?	Mon 1/3/11
22		REPORT	66 days	Mon 1/9/12
23		PREPARE DRAFT REPORT	30 days	Mon 1/9/12
24		PREPARE FINAL REPORT	20 days	Mon 2/23/12
25		PREPARE EXECUTIVE SUMMARY	15 days	Mon 3/19/12
26		DESIGN	150 days	Mon 4/9/12
27		PREPARE DESIGN DEVELOPMENT DOCUMENTS	60 days	Mon 4/9/12
28		PREPARE PRELIMINARY CONSTRUCTION DOCUMENTS	40 days	Mon 7/2/12
29		PREPARE FINAL CONSTRUCTION DOCUMENTS	30 days	Mon 8/27/12
30		IMPLEMENTATION	80 days	Mon 10/8/12
31		CONDUCT EDUCATIONAL OUTREACH	20 days	Mon 10/8/12
32		INSTALL WAYFINDING / INTERPRETIVE SIGNS	20 days	Mon 10/8/12
33		MONITOR RESULTS	20 days	Mon 10/8/12



EPA Schedule.mpp Thu 7/22/10

Description of the associated work products to be developed - Associated work products or deliverables to be developed as a result of these tasks include producing a draft and final copy of each of the following:

- One (1) digital copy of the GIS Base Map of the study area
- Three (3) printed and one (1) digital copy of the Existing Conditions Analysis Summary
- One (1) printed copy and one (1) digital copy of Public Meeting Minutes
- One (1) printed copy and one (1) digital copy of the Scenario Plans
- Three (3) printed and one (1) digital copy of Benefits Analysis Summary
- Five (5) printed and one (1) digital copy of the Draft Report
- Fifty (50) printed copies and one (1) digital copy of Final Report
- Two Hundred (200) printed copies and one (1)digital copy of the Executive Summary
- Three (3) printed and one (1) digital copy of the Design Development Documents
- Three (3) printed and one (1) digital copy of the Preliminary Design Documents
- Three (3) printed and one (1) digital copy of the Pre-Final Design Documents
- Three (3) printed and one (1) digital copy of the Final Design Documents

- Three (3) printed and one (1) digital copy of Final Revised Design Guidelines
- One (1) printed copy and one (1) digital copy of the Educational Outreach Materials
- One (1) printed copy and one (1) digital copy of Wayfinding / Interpretive Signage Plan
- One (1) printed copy and one (1) digital copy of the Proposed Monitoring Strategy Plan

Budget and estimated funding amounts for each work component/task - A detailed budget showing the estimated funding amounts for each task is provided as an attachment.

b) (10 pts) GHG Reduction Potential

Connectivity of a city can contribute significantly to the livability of a community. Trails and greenways help people move around town without the use of fossil fuels while also improving the overall health of the community and its residents. In the past, roadways were often designed without regard to forms of transportation other than automobiles. The availability and accessibility of trails and greenways are a prerequisite for people to adopt more sustainable forms of transportation and can achieve the following social and economic benefits: 1) Improved local economy and increased savings and alternatives for disposable income and future investments as a result from money not spent on gas and other maintenance; 2) Improved overall health from increased physical activity and fewer air pollutants can also reduce the fiscal strain on the public health system; and 3) Improved social interactions among residents utilizing trail networks not otherwise available.[1]

The North Dade Greenway/Snake Creek Trail and Community Enhancements Project will result in an expected GHG emissions reduction of 24,784 Metric Tons per year. Strategies for Metropolitan Atlanta's Regional Transportation and Air Quality (SMARTRAQ), a recent study of Atlanta, Georgia, found that neighborhoods that were more walkable had residents who spent on average $640 less on transportation, produced less air pollution, and were more than twice as likely to receive the level of physical activity required to maintain good health. SMARTRAQ determined that livable communities result in fewer vehicle miles traveled and reduced emissions. Travel patterns of residents in the region's least walkable neighborhoods generated about 20 percent higher CO2 emissions than travel by those who live in the most walkable neighborhoods – about 2,000 extra grams of CO2 per person each weekday.[2] The proposed project will greatly enhance the walkability of Miami-Dade County. Based on the assumption regarding the effect a walkable neighborhood has on the reduction of CO_2 described in the SMARTRAQ study, the potential GHG reductions for community enhancements to the North

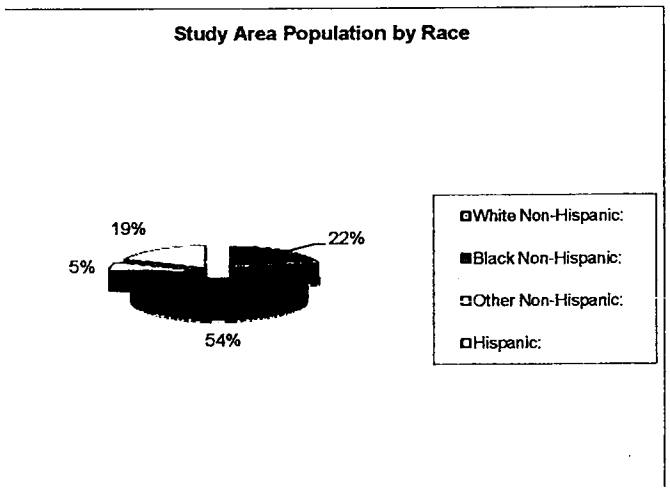
[1] Shafer, Scott. et al. "A Tale of Three Greenway Trails: User Perceptions Related to Quality of Life." Landscape and Urban Planning. 49. 2000.

[2] "New Data for A New Era: A Summary of the SMARTRAQ Findings." Prepared by the Active Transport Lab at The University of British Columbia. January, 2007. Available Online: http://www.act-trans.ubc.ca/smartraq/files/smartraq_summary.pdf

Dade Greenway/Snake Creek Trail project would exceed 24,784 metric tons carbon dioxide equivalent (CO_2e) per year. A strategy for calculating and monitoring actual emissions reductions will be developed as part of the proposed project.

The extent that greenways may decrease the number of cars on the road, they reduce air pollution, greenhouse gas emissions, and the accidents and stress that are by-products of driving. Parks and greenways can mitigate air pollution and increased temperatures. Trees filter pollutants out of the air, and mature tree canopies can reduce air temperatures by five to ten degrees, which helps to counteract the urban heat island effect, according to the University of Washington's Center for Urban Horticulture.

c) (10 pts) Capacity and Partnerships



The opportunities afforded by the project to implement future climate change programs and promote training, education, and partnerships among staff, citizens, and stakeholder groups are significant. The project's study area integrates a diverse community population of approximately 62,000 residents located within 1 mile radius around the Snake Creek Trail, and is comprise of the following demographic breakdown: 54% Black Non-Hispanic; 22% White Non-Hispanic; 19% Hispanic; and 5% Other Non-Hispanic. The project will directly benefit this diverse target population and provide connections to numerous parks and schools, across several municipal jurisdictions.

Miami-Dade Park and Recreation Department (MDPR) will leverage resources available through their project partners' communication networks to educate users and potential users of the trail on the positive environmental, health, and economic impacts of alternative modes of transportation, including : reductions in GHG; reductions in obesity and obesity related diseases; increased personal wealth; etc. All are important topics in the discussion of a walkable community and livability principles. Educational programs will also target students and teachers at schools, and park manager from parks located along the trail.

The project has forged partnerships with and garnered the support from the following entities in order to further the project's educational objectives: Florida Department of Environmental Protection; Miami-Dade County Office on Sustainability; University of Miami; Health Foundation of South Florida; South Florida Water Management District; and the Miami-Dade County Metropolitan Planning Organization.

MDPR is an active participant member of the Health and Built Environment Committee of the Consortium for a Healthier Miami-Dade, and collaborates with Miami-Dade County Health Department, University of Miami, Health Foundation of South Florida, and other health promoting organizations, to promote incidental physical activity in the everyday activities of Miami-Dade County's residents. Educational and training opportunities will also be promoted through the County's wayfinding and interpretative signage located throughout the study area. Miami-Dade County's Wayfinding Plan for parks will be broadened as part of this proposal to include information stations at key points along the trail, including parks and schools. The project will pursue expanded educational partnerships with local schools and programs at park facilities to deliver education to youth populations within the study area. The project will also establish cooperative training programs with existing partners (such as South Florida Water Management District, the local Metropolitan Planning Organization and municipalities) to implement future climate change programs. The methodology, best practices, and preliminary concepts derived from the proposed comprehensive analyses will serve as a model and be duplicated throughout the County and region through these cooperative relationships.

d) (10 pts) Co-Benefits

Walkable communities with improved access to greenways, trails, and parks are proven to positively impact the community's overall economy, health, environment, and society. The co-benefits to the public and the potential audiences served by the project are numerous and span across the following areas, some of which are described in more detail below: 1) Flood alleviation and water management; 2) Economic growth and investment; 3) Tourism; 4) Climate change adaptation and mitigation; 5) Quality of place; 6) Health and well-being; 7) Land and property values; 8) Labor productivity; 9) Recreation and leisure; 10) Land and biodiversity; and 11) Products from the land.

Economic Benefits:

Parks symbolize community, life, relaxation, and health. It's no wonder that "many people are willing to pay a larger amount for property close to parks and open space areas than for a home that does not offer this amenity," writes John L. Crompton, a professor at Texas A&M University who has published extensive research on parks and recreation.[3] Great cities have great park systems with beautiful parks, public plazas, and outstanding natural features. Because human beings have a basic need for parks and open space, to re-connect with nature. Communities without adequate open space are dreary and depressing, socially, aesthetically, and

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[3] Sherer, Paul M. "Why America Needs More City Parks and Open Space." Prepared for Trust for Public Land, 2003. Accessed online at http://www.tpl.org/content_documents/parks_for_people_Jan2004.pdf

economically. While parks systems in the past were thought of as "amenities", communities across the country now realize just how much value these park systems bring to their locales.

The impact of greenways and trails on property values was reported in The New York Times recently, which noted a National Association of Homebuilders study had found that trails are the number one amenity that potential homeowners cite when choosing a new community.[4] Across the country, bicycle and pedestrian trails are proving to be a wise economic investment for the communities through which they pass. Studies have shown that they: 1) Stimulate local economies by attracting bicyclists, hikers, and other tourists to the area; 2) Attract and revitalize businesses; 3) Create jobs; and 4) Increase public revenue. Trails and pathways also have a positive effect on nearby properties as homebuyers and business owners realize the value that such facilities bring to a community. In response to the increased demand by tourists, Visit Florida recently upgraded their marketing efforts for greenway and trail destination tourism.

Health Benefits:

Research has shown that Americans can substantially improve their health by including moderate amounts of physical activity in their daily lives, yet only one-fourth of the U.S. population engage in the recommended levels. Many Americans simply do not have adequate access to facilities to engage in physical activity or they live in unwalkable neighborhoods. Strong evidence shows that when people have access to parks, they exercise more. Miami-Dade's development of this green space would be a thriving asset to the fight against obesity and other related health concerns. A comprehensive study conducted by the Georgia Institute of Technology, shows that people who live in neighborhoods with a mix of shops and businesses within easy walking distance are seven percent less likely to be obese, lowering their relative risk of obesity by 35 percent.[5]

Environmental Benefits:

Green space in urban areas provides substantial environmental benefits. Trees reduce air pollution and water pollution; help keep cities cooler; and provide a more effective and less expensive way to manage stormwater runoff than building systems of concrete sewer and drainage ditches. Parks and green spaces provide pervious surfaces for rain infiltration; reduce the severity of floods; and improve the quality of our waterways. They provide habitat for

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[4] Melekian, Bradley " From Kitchen to Wild in 30 Seconds" Prepared for New York Times, 2006, Accessed online at http://www.nytimes.com/2006/09/07/fashion/07FITNESS.html

[5] Lawrence D. Frank, PhD, Martin A. Andresen, MA, Thomas L. Schmid, PhD. "Obesity Relationships with Community Design, Physical Activity, and Time Spent in Cars," *American Journal of Preventive Medicine,* 2004;27(2).

beneficial wildlife that live in our neighborhoods and migrate through them. Every action and improvement of the Park System, including facilities, programs, operations and management, should contribute to the economic, social, and environmental prosperity of the County.

Social Interaction:
The Greenways System should encourage social interaction within and between neighborhoods; create gathering places for social or recreational activities; and promote a sense of place for neighborhoods. The increase in the levels of walking and bicycling due to the creation of these facilities leads to a cleaner environment and healthier population. Trails also are an expression of community pride and character, and in many cases serve as a means to preserve the natural and historic resources of a region.

e) (10 pts) Replicability:
Description of the applicant's organization and experience related to the proposed project - Miami-Dade County Park and Recreation Department currently has over 130 miles of greenways and trails with plans for a over 500 miles of trails as part of a two-year long planning effort for the preparation of the *Miami-Dade County Parks and Open Space System Master Plan.* The 50-year vision has been incorporated into policies of the *Recreation and Open Space Element* of the *County's Comprehensive Development Master Plan*, which includes a comprehensive greenway plan. Notably, in addition to the North Dade Greenway/Snake Creek Trail and Community Enhancements project the greenway plan includes the Biscayne-Everglades greenway which will connect two National Parks, the Everglades National Park, and Biscayne National Park.

The planning methodology proposed for the North Dade Greenway/Snake Creek Trail and Community Enhancements project will be documented in a 11 x 17 (step-by-step) project planning manual which can be used by MDPR in future greenway planning and available as a replicable methodology to 35 municipalities within the County and to communities across the US in their greenway planning efforts.

Description of staff expertise/qualifications, staff knowledge, and resources or the ability to obtain them, to successfully achieve the goals of the proposed project - The project will be implemented by a team of four planning professionals well adept to successfully achieve the goals of the proposed project, as demonstrated by their previous experience in implementing similar projects and documented in their resumes provided as attachments to this application.

Joe Webb, Planning Section Supervisor for The Miami-Dade Park and Recreation Planning and Research Division will serve as the Project Manager. He currently manages over 20 miles of planned greenways and trails projects. His recent presentations include: National Recreation and Parks Association, *National Congress: Creating Livable, Sustainable Communities through Integrated Transportation and Open Space Planning;* American Planning Association, *National Conference: Urban Form and the Language of Open Space;* National Parks Service,

Designing the Parks Workshop: New Principles for Park Design. His career has evolved from detailed design to a greater interest in large scale systems planning. Mr. Webb has extensive experience in the development of parks and open space master plans with an emphasis on the integration of open space with transportation and urban form. He has worked with multiple communities to become more livable and sustainable through the development of effective open spaces and linkages.

Mark Heinicke, Park Planner III, offers more than 18 years professional experience in park planning and development, capital improvement projects, greenways, trails and open space projects for public agencies related to access to work, destinations, and physical activity benefitting health of users.. His project experience includes trail and greenway planning, park planning, public involvement program implementation, project management, grant writing, and capital improvements. Mr. Heinicke manages the planning, design, and grant management for numerous greenways and trails within Miami-Dade County.

Alissa Turtletaub, Park Planner III, offers more than 15 years of experience in the non-profit and government sectors. A professional with experience in urban planning, land acquisition, land management, deign assessment, development review, asset management and GIS, Alissa offers a multi-dimensional skill-set. With an educational background in Environmental Studies and field research, she balances land acquisition and planning for both conservation and recreation. Ms. Turtletaub's recent presentations include: National Park and Recreation Association – 2009 National Congress in Salt Lake City Presented *"Wayfinding and Signage: A guide to Planning, Design and Implementation;"* Presentation of the Department's Wayfinding and Signage Plan to the Miami-Dade County Community Image Advisory Board; Park System Open Space System Master Plan presentation to numerous audiences of stakeholders, organizations and professional associations; and Presentation to the State of Florida Office of Greenways and Trails (OGT) Land Acquisition Board of Directors in support of the application for acquisition of Princeton Lakeside Park. (OGT ultimately funded the project with $3,000,000 for acquisition of Princeton Lakeside Park).

James A. McCall, Park Planner III, offers more than 5 years of experience in planning and design of public facilities. He is an experienced planner and certified mapping scientist by the American Association of Photogrammetry and Remote Sensing. His project experience includes park and recreation plans, natural resource plans, growth management plans, environmental due diligence, and transportation plans. Mr. McCall has blended intensive training in cartography, geography, environmental science, and community involvement to provide excellent services to public planning projects.

In addition to the professional staff of the Miami-Dade County Park and Recreation staff, our proposal includes the use on consultants experienced in the preparation of greenway and trail

planning and design documents, walkability analyses, public involvement programs and the education and training described in the above detailed project scope.

2. Environmental Results—Outcomes, Outputs, and Performance Measures

The project supports the EPA Goal 1 Clean Air and Global Climate Change; Objective 1.5: Reduce Greenhouse Gas Emissions. Specifically, the proposed activities will gather and produce data that will enable a better understanding of strategies to reduce greenhouse gas emissions from local and tribal government operations and community-based programs. The project's expected outcomes, performance measures, and methods are provided as follows:

Expected Outcomes/Benefits	Performance Measures	Methods
Reduction in GHG Emissions through Pedestrian and Bicycle modes of Transportation	Quantify the reductions in carbon dioxide equivalent (CO_2e) per year	Walkability score of study area and reduction of grams of CO_2e per person per weekday.
Reduction in Heat Island Effect	Quantify Reduction in Heat Island Effect	Comparison of reduction in pavement required for the equivalent number of vehicle trips served by Snake Creek Trail
Reduction in Carbon Footprint through Landscaping	Quantify Reduction in Carbon	Number of trees planted
Reduction in Incidents of Pedestrian and Bicycle Accidents	Reduction in Pedestrian and Bicycle Accident Data	Accident data from University of Miami Miller School of Medicine Walk Safe Program and Pediatric and Trauma Study
Reduction in Obesity and Obesity Related Disease.	Reduction in Obesity	Body Mass Index measures from area schools

a) (10 pts) Effectiveness of the applicant's plan for tracking and measuring progress toward achieving the expected project outputs and outcomes

The plan includes developing a Monitoring Strategy for evaluating and measuring project's outputs and outcomes. Implementation of the evaluation of these measures will not occur during the grant period, but will begin upon completion of construction of the initial phases of the trail. Prior to construction and within the grant period, the Peer Advisory Board (described below) will monitor progress towards completion of the project scope. The percentage of plan completion and the number of education programs implemented will be tracked closely by this board. Estimated reductions in CO_2e will be reported in the quarterly progress reports as design progress.

A Project Manager from MDPR will be assigned to manage and coordinate the day-to-day operations of the project. In addition, as part of the planning process, a Peer Advisory Board will be established to assist in the implementation and evaluation the project's goals and objectives. The Peer Advisory Board will consist of staff from the project partners; Community Advisory Committee representatives, and the Project Manager. Performance and progress of this grant award will be monitored over the following three phases: Pre-award Phase, Award Phase, and the Close-Out Phase. Each phase is critical to the project's success in achieving the project goals and objectives; therefore, the grant award will be closely monitored by MDPR's Grants Office to facilitate grant reporting and ensure performance compliance and goal attainment.

b) (5 pts) Effectiveness of the applicant's plan for tracking and measuring progress toward achieving expected project outputs and outcomes related to co-benefits

A monitoring strategy will be developed as part of this proposal to track and measure progress towards achieving the expected project outputs and outcomes related to co-benefits. Because, for the most part, impacts of the co-benefits will occur subsequent to construction of the North Dade Greenway/Snake Creek Trail and Community Enhancements Project.

3. Programmatic Capability and Past Performance

a) (5 pts) Applicant's past performance in successfully completing and managing the assistance agreements

Miami-Dade County has been the recipient of federal funding awards from the U.S. Environmental Protection Agency, U.S. Department of Transportation, and the U.S. Department of Homeland Security. Many departments within the County have received awards from the EPA. Most recently, in December 2009 Miami-Dade County's Seaport Department received an EPA award under the U.S EPA National Clean Diesel Assistance Program in the amount of $1,507,157 for the Repowering of Gantry Cranes and Retrofit Cargo Container Handlers. The Miami-Dade County Office of the Agricultural Manager received an ARRA EPA National Clean Diesel grant for a Rebate Program for local farmers, for the repowering of engines in irrigation sets. Miami-Dade County's Transit Department was awarded an ARRA Hybrid Bus Project grant funded through the SEDC Program, to add more hybrid bus vehicles to the fleet.

The County has also been the recipient of the following project grant awards: Energy Star Power Management; Air Toxics Demonstration; EPA Communities in Motion; and EPA Voluntary Diesel Retrofit Grant Project. Miami-Dade County's Park and Recreation Department (MDPR) has a long history of managing Federal grant moneys. Most recently, MDPR received federal pass-through funding under ARRA - Communities Putting Prevention to Work program from the Centers for Disease Control through the Florida Department of Health in the amount of $528,789. Other active federal awards include: one $400,000 sub-award under ARRA Energy Efficiency and Conservation Block Grant from U.S. Dept of Energy; and three Federal Highway

Administration grants in the amounts of $1,332,000, $850,000, and $350,000 from the Florida Department of Transportation.

b) (5 pts) History of meeting the reporting requirements under the assistance agreements identified in the narrative proposal.

Miami-Dade County staff has extensive experience in managing and complying with federal programmatic and fiscal requirements of the EPA. All grant projects are implemented within the respective County department, with a project manager/coordinator, the appropriate complement of staff, and project resources. The County's Finance Department supports each grant project by end-processing the fiscal component of each project in accordance with grant agreements and federal guidelines, which includes, but is not limited to: establishing a project account; assigning a grant project index code; tracking the project using FAMIS (County's Financial Accounting Management Information System); processing expenditures; handling project close-outs; and audits.

c) (5pts) organizational experience and plan for timely and successfully achieving the objectives of the proposed project.

MDPR has successfully organized its resources to complete the planning, design and outreach programs for greenways in the past. MDPR will use this experience to administer this project in a timely, cost-effective, resourceful, efficient manner. Staff resources from the County's Procurement and Finance Departments will be provided in support of this project. Project staff has extensive experience with the County's bidding and procurement process to supplement our staff with experienced consultants. The partners to this project have pledged to provide staff support, consultation, and in-kind support as required. Finally, the project's local cost share of $250,000 is included as financial resources that will be used to successfully complete, and achieve the goals of the project.

d) (5 pts) staff expertise and qualifications, staff knowledge, and resources or the ability to obtain them, to successfully achieve the goals of the proposed project.

Key personnel directly involved with the North Dade Greenway/Snake Creek Trail and Community Enhancements Project, as well as staff from MDPR's Grants Division comprise a team of experienced professionals. Resumes for key personnel are included as an attachment. Joe Webb, ASLA, RLA, will serve as the Project Manager. Joe has extensive experience in the development of parks and open space master plans with an emphasis on the integration of open space with transportation and urban form. Joe has worked with multiple communities to become more livable and sustainable through the development of effective open spaces and linkages.

4. Detailed Budget Narrative

Miami-Dade Park and Recreation Department respectfully requests a total $491,674 (66% of total project) to successfully facilitate the proposed project. A matching contribution in the amount of $254,326 (34% of total project) will be contributed towards the total project cost of $746,000. Matching funds will come from the Miami-Dade County Building Better Communities General Obligation Bond Program; a $2.9 billion bond program approved by Miami-Dade County voters on November 2, 2004, which allowed the County to issue long-term bonds to fund more than 300 neighborhood and regional capital projects, to be completed over a 15-year period. A detailed budget is provided below.

North Dade Greenway: Snake Creek Trail	Year 1 EPA Funding	Year 1 Cost Share	Year 2 EPA Funding	Year 2 Cost Share
Personal				
(1) Project Manager - 660 total hours	$ 19,819.80	$ 10,210.20	$ 19,819.80	$ 10,210.20
(2) Technical Staff - 536 total hours	$ 11,365.20	$ 5,854.80	$ 11,365.20	$ 5,854.80
TOTAL PERSONAL	$ 31,185.00	**$ 16,065.00**	$ 31,185.00	**$ 16,065.00**
Fringe Benefits				
Project Manager @ 30% of salary	$ 8,444.70	$ 4,350.30	$ 8,444.70	$ 4,350.30
Technical Staff @ 30% of salary	$ 4,870.80	$ 2,509.20	$ 4,870.80	$ 2,509.20
TOTAL FRINGE BENEFITS	$ 13,315.50	**$ 6,859.50**	$ 13,315.50	**$ 6,859.50**
Travel				
Travel for 2 staff to attend Climate Showcase Communities Training Conference Airfare: 2 @ $350 round trip Per Diem: 2 staff x 4 days @ $50/day Hotel: 2 staff x 3 nights @ $200/night	$ 1,518.00	$ 782.00		
Local Mileage 100 mi/mo @ $.54/mi x 24 mo.	$ 427.68	$ 220.32	$ 427.68	$ 220.32
TOTAL TRAVEL	$ 1,945.68	**$ 1,002.32**	$ 427.68	**$ 220.32**
Equipment				
No equipment will be purchased				
TOTAL EQUIPMENT				
Supplies				
Office and related supplies to support community outreach, preparation of planning, design and construction documents	$ 600.00	$ 400.00	$ 600.00	$ 400.00
TOTAL SUPPLIES	$ 600.00	**$ 400.00**	$ 600.00	**$ 400.00**
Contractual				
Planning Consultant (incl. exp with GHG, EPA and Transp)	$ 118,800.00	$ 61,200.00	$ 33,000.00	$ 17,000.00
Design Consultant			$ 148,500.00	$ 76,500.00
Wayfinding and Interpretive Signage Production			$ 46,200.00	$ 23,800.00
Educational Outreach			$ 26,400.00	$ 13,600.00
Monitoring Strategies			$ 19,800.00	$ 10,200.00
TOTAL CONTRACTUAL	$ 118,800.00	**$ 61,200.00**	$ 273,900.00	**$ 141,100.00**
Other				
Printing and Publication Fees including brochures	$ 3,000.00	$ 2,000.00	$ 3,000.00	$ 2,000.00
Postage	$ 200.00	$ 77.00	$ 200.00	$ 77.00
TOTAL OTHER	$ 3,200.00	**$ 2,077.00**	$ 3,200.00	**$ 2,077.00**
TOTAL INDIRECT				
Total Cost		**$ 87,603.82**		**$ 166,721.82**
TOTAL FUNDING	**$ 169,046.18**		**$ 322,628.18**	
TOTAL PROJECT COST				***$ 746,000.00***

MIAMI-DADE COUNTY

Joseph J. Webb, RLA/ASLA

Joe Webb is a Professional Landscape Architect with extensive, diverse experience in the meticulous planning, design and development of exterior environments. Joe has over twenty years of experience in both the public and private sectors, with experience in numerous park planning and design projects and is recognized as a highly motivated, open and direct communicator who thrives in a proactive team environment.

Since graduating form the University of Wisconsin with a Bachelors of Landscape Architecture degree in 1983, Joe has focused his career on the planning and design of parks and public open spaces. His career has evolved from detailed design to a greater interest in large scale systems planning. Joe has in the development of parks and open space master plans with an emphasis on the integration of open space with transportation and urban form. Joe has worked with multiple communities to become more livable and sustainable through the development of effective open spaces and linkages.

EXPERIENCE

Miami-Dade County Park and Recreation Department **June 2009 - Present**
Park System Planning Section Supervisor
Responsible for supervising park and park system planning, preparing departmental recommendations concerning the development, restoration, redevelopment, maintenance and growth of the County's local and regional park and recreation system. Including supervising the comprehensive planning function related to the County's Comprehensive Development Master Plan. Responsibilities also include coordinating the implementation of the Park and Open Space Master Plan vision, supervising the work of subordinate professional planners, consultant firms, technical personnel engaged in data collection, design, analysis, review and input on park projects with community groups, elected officials and other county agencies

Glatting Jackson Kercher Anglin **January 2005 – June 2009**
Senior Planner / Project Manager
Leading the Parks and Open Space Planning group tasked with aiding communities in large scale planning efforts. Actively integrate open space with transportation and urban design with an eye towards creating livable communities. Provide expert counsel to multiple communities on sustainability through the development of effective open spaces and linkages. Current projects include:

Miami-Dade County Open Space Master Plan
Manage project efforts and serve as the principle planner in the development of a fifty year unifying vision for parks, open space and corridors in Miami-Dade County. Plan elements include parks, civic space, natural/cultural facilities and greenways and streets.

Downtown San Diego Needs Assessment for Parks, Open Space and Recreation
Manage project efforts and serve as the principle planner in the development of a needs assessment for the downtown San Diego area. Coordinate with the Center City Development Corporation in a highly urbanizing area to define needs and priorities as well as develop development programs for the eight downtown neighborhoods.

Harris County Parks System Master Plan
Manage project efforts and serve as the principle planner in the development of a recreation needs assessment and parks system master plan. Work includes a transect of urban to rural conditions from the highly urbanized areas of downtown Houston to the surrounding sub-urban and rural communities.

Martin County Parks and Recreation Department **April 2003– January 2005**
Special Projects Manager
Oversaw programs and projects of community importance in the planning, design and construction administration of park facilities. Key accomplishments include:

Joseph J. Webb, RLA/ASLA

Master Planning
Direct and coordinate the work of consultants and County staff in the development of the twenty-year countywide Parks and Recreation Master Plan. Facilitate public involvement and consensus building workshops to assess community needs in order to develop a shared vision for future development. Oversee the development of cost projections and recommended potential funding options.

Community Redevelopment
Manage activities directed at upgrading older neighborhoods to meet new community desires and current standards. Liaison with neighborhood groups to define project priorities and develop design criteria. Supervise the work of consultants, administer schedules and budgets and manage construction activities from inception to project completion.

Dave Bodker Landscape Architecture and Planning **September 2001 – April 2003**
Landscape Architect
Performed work in the planning and design of exterior environments.

Community Engineering Consultants **June 2000 – July 2001**
Landscape Architect
Performed work with broad latitude in planning and design of conservation design communities.

City of Green Bay, Wisconsin **April 1985 – June 2000**
Senior Landscape Architect
Conducted the planning, design, and coordination of public open space development:

Planning and Development
Perform site analysis and evaluation. Develop project criteria and design programs, draft construction plans and details, write specifications and administer construction.

Supervision and Employee Relations
Supervise professional and technical staff including recruiting, interviewing, orientation, training, discipline and termination.

Fiscal Management and Public Relations
Actively obtain and monitor project funding through budget, bond and grant sources. Prepare department budget and bond proposals. Maintain positive working relationships with other departments, private agencies and elected officials.

Education

University of Wisconsin, Madison, Wisconsin - B. S. in Landscape Architecture
- National Charette Institute facilitator training
- Numerous continuing education classes community planning, design and public facilitation

Licensure and Associations

- Registered Landscape Architect – State of Florida
- Member National Recreation and Park Association
- Member American Society of Landscape Architects

Recent Presentations and Workshops

- National Parks Service, *Designing the Parks Workshop: New Principles for Park Design*
- American Planning Association, *National Conference: Urban Form and the Language of Open Space*
- National Recreation and Parks Association, *National Congress: Creating Livable, Sustainable Communities through Integrated Transportation and Open Space Planning*

ATTACHMENT A

MIAMI-DADE COUNTY

Mark A. Heinicke, CPRP, CLARB

Mr. Heinicke offers more than 18 years professional experience in park planning and development, capital improvement projects, greenways, trails and open space projects for public agencies related to access to work, destinations and physical activity benefitting health of users. He is an experienced Certified Park and Recreation Professional and has national certification through the Council of Landscape Architecture Registration Boards as board certified landscape architect. His project experience includes trail and greenway planning, park planning, public involvement program implementation, project management, grant writing, and capital improvements.

PROFESSIONAL EXPERIENCE

2003 – Present:	**Miami-Dade County Park and Recreation Department, Park Planner III**
1999 - 2002:	**Quincy Park District, Landscape Architect**
1998 - 1999:	**Bourbonnais Township Park District, Director of Parks and Planning,**
1989 - 1999:	**Forest Preserve District of Cook County, Landscape Architect**

PROJECT EXPERIENCE

Planning

Biscayne Trail Segments C and D Project Development and Environment Study - project manger and planner responsible for preparation of grant application, public involvement, interagency coordination, and management of consultant. Scope of work encompassed determining, social, economic and environmental impacts associated with 12 mile shared-use trail and involved data collection, development of alternatives, analysis of viable alternatives, selection of recommended alternatives, public and agency involvement.

Ludlam Trail Design Guidelines – project manager and planner responsible for interagency coordination and management of consultant. Scope of work encompassed preparation of design standard and guidelines for a 7 mile rails-to-trails project.

Commission Districts 2 and 3 Bicycle Boulevard Planning Study – project manger and planner responsible for preparation of grant application, public involvement, interagency coordination, and management of consultant and pilot study. Scope of work encompasses ways to improve bicycling in area that has an extensive grid network of streets that lacks opportunities for the development of traditional greenways and off-street trails.

Snapper Creek Trail Planning and Feasibility Study - preparation of grant application, public involvement, interagency coordination, and management of consultant and study. The scope of work included design and planning of 5.6 miles of shared-use trail along the Snapper Creek Canal. The study established a planning program and route alignment, developed schematic conceptual plans, determined feasibility, and established probable costs and priorities to implement the project.

Snake Creek Trail Planning and Feasibility Study – project manager and planner responsible preparation of grant application, public involvement, interagency coordination, and management of consultant and study. The scope of work included design and planning of 6.3 miles of shared-use trail along the Snake Creek Canal. The study established a planning program and route alignment, developed schematic conceptual plans, determined feasibility, and established probable costs and priorities to implement the project.

Black Creek Trail Planning & Feasibility Study – project manager and planner preparation of grant application, public involvement interagency coordination, and management of consultant and pilot study. The scope of work included design and planning of 9.2 miles of shared-use trail along the Black Creek

Mark A. Heinicke, CPRP, CLARB

Canal. The study established a planning program and route alignment, developed schematic conceptual plans, determined feasibility, and established probable costs and priorities to implement the project.

Cedar Creek Linear Park Phase-I – project manager and landscape architect responsible for preparation of grant application, public involvement and management of consultant and study

Kankakee County Greenways and Trails Plan – project manager and planner responsible for the county's first-ever comprehensive trail and greenways plan. The scope of work included preparation of grant application, public involvement and management of consultant and pilot study

Midlothian Meadows Bicycle Trail – project manager and landscape architect responsible for planning, design, and construction of three mile loop trail at Midlothian Meadows Preserve

Busse Woods Bicycle Trail Realignment - project manager and landscape architect responsible for in-house trail realignment to new multi-million bike/ped overpass

EDUCATION
Master's of Public Administration, Florida International University, 2006
Bachelor of Landscape Architecture, Iowa State University, 1987

PROFESSIONAL STATUS
Certified Park and Recreation Professional, #03-067 CPRP
Certified Landscape Architect, Council of Landscape Architecture Registration Boards, #928

PROFESSIONAL AFFILIATIONS
American Planning Association
American Society of Landscape Architects
National Park and Recreation Association

TRAINING
RTC Southern Regional Active Transportation Forum, Washington, DC
Florida Department of Transportation PD&E Manual Training, Ft. Lauderdale, FL
Universal Trail Assessment Process (UTAP) coordinator workshop, Tallahassee, FL
RTC Trailink 2007, Portland, OR
Supervisory Certification Program, Miami-Dade County University, Miami, FL
GIS Certificate Level 1, Florida International University, Miami, FL

AWARDS-RECOGNITION
Miami-Dade County Park and Recreation Department Employee of the 1st Quarter 2007
Florida APA Gold Coast Section Planning Award for Medsouth Park 2004

MIAMI-DADE COUNTY

Alissa Turtletaub, NRPA

Alissa Turtletaub offers more than 15 years of experience in the non-profit and government sectors. A professional with experience in urban planning, land acquisition, land management, deign assessment, development review, asset management and GIS, Alissa offers a multi-dimensional skill-set. With an educational background in Environmental Studies and field research, she balances land acquisition and planning for both conservation and recreation.

EDUCATION

2000-2002 **Master of Science in Environmental Studies** (GPA- 4.0), *University of Montana, Missoula*

1995-1997 **Bachelor of Arts in Environmental Studies**, *Prescott College, Prescott, Arizona*

PROFESSIONAL EXPERIENCE

2002- Current **Park Planner III - *Miami-Dade County Park and Recreation Department***

- Manage land acquisition for Miami-Dade County Park system
- Direct interaction with land owners; appraisers, surveyors; attorneys, developers and other pertinent individuals to efficiently complete land acquisitions.
- Administer select special planning projects for park and recreation lands development.
- Manage Departmental adherence to legally mandated programs such as concurrency and level of service
- Provide determinations and recommendations regarding commercial and residential development issues related to park and recreation lands.
- Represent the Department at Plat committee and provide determinations regarding plat applications and park conveyances

2001-2002 **Conservation Associate, *The Ecology Center, Missoula, Montana***

- Conducted research on current and historic habitiat of bull trout, a species federally listed as threathened
- Produced a series of maps illustrating bull trout habitat and identifying higly priority target areas for conservation
- Mangement of data and information, and providing support information for numerous organizations

2001 **Biological Science Technician- *Denali National Park & Preserve, Denali, Alaska***

- Conducted biological field research to achieve goals and initiatives of the Long-Term Ecological Monitoring Program
- Developed independent projects to provide detailed information regarding natural resources and park management
- Provided support to multiple divisions within the park including Field Research, Historical Management, Geographic Information Systems, Avian and Mammalian Studies

2000-2001 **Conservation Associate - *Alliance for Wild Rockies, Missoula, Montana***

- Research historical locations and sitings of grizzly bears in the Bitterroot Wilderness Area
- Data acquisition and application assessment, Database design and mangement, Project design and completion, Performed spatial analysis

ATTACHMENT A

1999 **Environmenta. ducator- *Headlands Institute, Sausalito, alifornia***

- Developed curriculum and programming for residential environmental education programs
- Coordinated logistics for field studies to off-site locations

1998-1999 **Environmental Educator- *Teton Science School, Jackson Hole, Wyoming***

- Designed, implemented, and facilitated residential environmental education and community development activities for children.
- Co-founded the Jackson chapter of Roots & Shoots, sponsored by the Teton Science School
- Responsibilities included establishing community contacts, advertising, coordinating logistics, and directing the program committee.

TRAINING

ArcGIS, ArcInfo, ArcMap, ArcCatalog, ArcToolbox, Spatial Analyst, 3D Analyst, Network Analyst, Microsoft Word, Power Point, Works, Office, Excel, Adobe Illustrator, Adobe Photoshop

PRESENTATIONS

National Park and Recreation Association – 2009 National Congress in Salt Lake City
Presented *"Wayfinding and Signage: A guide to Planning, Design and Implementation"* at the 2009 national conference for park and recreation professionals.

Presentation of the Department's Wayfinding and Signage Plan to the Miami-Dade County Community Image Advisory Board

Park System Open Space System Master Plan presentation to numerous audiences of stakeholders, organizations and professional associations

Presentation to the State of Florida Office of Greenways and Trails (OGT) Land Acquisition Board of Directors in support of the application for acquisition of Princeton Lakeside Park. OGT ultimately funded the project with $3,000,000.00 for acquisition of Princeton Lakeside Park.

PROFESSIONAL AFFILIATIONS

National Park and Recreation Association, NRPA
Florida Park and Recreation Association, FRPA

ATTACHMENT A

MIAMI-DADE COUNTY

James A. McCall, CMS

Mr. McCall offers more than 5 years of experience in public facilities planning and design. He is an experienced planner and certified mapping scientist by the American Association of Photogrammetry and Remote Sensing. His project experience includes park and recreation plans, natural resource plans, growth management plans, environmental due diligence, and transportation plans. Mr. McCall has blended intensive training in cartography, geography, environmental science, and community involvement to provide excellent services to public planning projects.

PROFESSIONAL EXPERIENCE

2004 – Present:	**Miami-Dade County Park and Recreation Department, Park Planner**
2003 – 2004:	**Graduate Teaching Assistant, Department of Geography, University of Alabama**
2002 – 2003:	**Junior Fellow, Blount Undergraduate Initiative, University of Alabama**

PROJECT EXPERIENCE

Park and Recreation Plans

Biscado Park Plan – project manager for a land use plan for a newly developed 4-acre neighborhood park with playground, walking path, and landscaping in the Redland agricultural area of unincorporated Miami-Dade County.

Broadmoor Park Plan – planner responsible for a land use plan for a recently developed 2-acre neighborhood park with playground, walking path, and landscaping in northwest Miami-Dade County.

Westbrook Park Plan – planner responsible for a land use plan for a newly developed 2-acre neighborhood park with playground, walking path, and landscaping near Florida International University in west Miami-Dade County.

Natural Resource Plans

Arch Creek Park Management Plan – planner responsible for submitting the 2005 Land Management Plan to the State Department of Environmental Protection for a 10-acre natural area preserve located in north Miami-Dade County.

Milton E. Thompson Park Management Plan - planner responsible for submitting the 2008 Land Management Plan to the State Department of Environmental Protection for a 640-acre natural area preserve located in northwest Miami-Dade County. This site includes 40 acres of uplands that transitioned from a RV campground to a motocross track, with 580 acres of adjacent wetland preserve.

Sunny Isles Beach Management Plan - planner responsible for submitting the 2005 Land Management Plan to the State Department of Environmental Protection for 91 acres of beach managed by the Department in north Miami-Dade County. Components of the Plan include a sea turtle protection program, beach maintenance program, and program partnership with jet ski vendors at the beach.

Seminole Wayside Park Plan – project manager of an application for administrative zoning approval for a 25-acre natural forest community with adjacent open space along U.S. Highway 1, north of Homestead.

James A. McCall, CMS

Growth Management Plans

Miami-Dade County Park and Open Space System Master Plan – member of a team of planners that created a 50-year vision for a seamless and sustainable Miami-Dade County through the park system window. Specific responsibilities included cartography, geographical data analysis, and providing support to the public outreach process.

Dade-Collier Cypress Recreation Area Growth Management Plan Amendment – planner responsible for a current Growth Management Plan Application (CP-2009-01) to Collier County to allow off-highway vehicle motorized recreation on 1,600 acres at mile marker 48 on U.S. Highway 41. The application was deemed legally sufficient and is scheduled for Collier County BCC transmittal hearing in January 2010.

Environmental Due Diligence

Lake Stevens Park – project planner responsible for submittal of environmental data to support wetlands resources permitting. Specific responsibilities included oversight of formal wetlands delineation with GPS and confirmed by boundary survey, a biological assessment, and a mitigation proposal.

Palm Glades Park Survey – project manager for oversight of a firm conducting a boundary and topographic survey, with associated environmental due diligence of a 10-acre newly acquired park.

Transportation Plans

Haulover Park Traffic Circulation Study – member of a team of planners conducting an analysis of traffic circulation, parking, and mass transit upgrades to a 200-acre metropolitan park. This project involves improving park user experiences by shortening boat launch and toll booth delays, by proposing roadway improvements, a parking garage, and master meter parking system.

Miami-Dade Regional Soccer Park Traffic Impact Study – project planner responsible for management of a firm conducting a traffic impact study for a proposed regional soccer complex. This project involves analyzing surrounding roadways, intersections, and expressway interchanges to determine the impact of an 8-field regional soccer complex and stadium proposed for development north of Doral, Florida.

EDUCATION

Master of Science in Geography, University of Alabama, December 2003
Bachelor of Arts in History, Florida State University, May 2001
Associate of Arts, Northwest Florida State College, May 1998

PROFESSIONAL STATUS

Certified Mapping Scientist GIS/LIS, January 15, 2008 by the American Society of Photogrammetry and Remote Sensing, #GS199

PROFESSIONAL AFFILIATIONS

Southeastern Division, Association of American Geographers (SEDAAG) 2003-2006
American Society of Photogrammetry and Remote Sensing (ASPRS) 2007-2008

ATTACHMENT A

James A. McCall, CMS

TRAINING

- South Florida Off-Highway Vehicle Coordination Workshop, Presented by the State OHV Advisory Committee, Florida Atlantic University, January 15, 2009
- Fundamentals of Successful Project Management Seminar, Presented by Skillpath, Sheraton Airport Hotel, Fort Lauderdale, Florida, May 19-20, 2008
- Mapping Florida Communities Workshop, Presented by New Urban Research Company, Florida International University North Campus, North Miami, Florida, March 28, 2008
- GIS/LIS Mapping Scientist Certification Test Training Course, Presented by the American Society of Photogrammetry and Remote Sensing, Tampa, Florida, May 8, 2007
- National Charrette Institute (NCI) Charrette Planner Training Course, Hosted by University of Miami School of Architecture, Coral Gables, Florida, February 14-16, 2007
- Florida Off-Highway Vehicle Recreation Management Workshop, Presented by the National Off-Highway Vehicle Conservation Council (NOHVCC), Hilton Hotel, Ocala, Florida, May 1-4, 2006
- University of Play Conference – Planning Skateparks and Community Playground Installation, Presented by Kaboom!, Atlanta, Georgia, March 10-12, 2005
- New Partners for Smart Growth: Building Safe, Healthy, and Livable Communities, Deauville Beach Resort Hotel, Miami Beach, Florida, January 27-29, 2005
- The ADA – Making the Promise a Reality, Fall 2004 National Association of ADA Coordinators (NAADAC) National Conference, Miami Airport Marriott, Miami, Florida, October 25-28, 2004

PRESENTATIONS

"Off-Highway Vehicle Recreation and Safety in Miami-Dade County." Press Conference Sponsored by Commissioner Carlos A. Gimenez, Miami Children's Hospital, May 1, 2008.

"A Geographical Analysis of Attendance at Amusement Parks in the Southeastern United States." 58th Meeting of the Southeastern Division of the Association of American Geographers, Charlotte, North Carolina. November 24, 2003

"Geography and Culture of Present-Day Hanoi and Ho Chi Minh City, Vietnam: An Account of Knowledge Gained on Tour in Vietnam with the Florida State University Singers." Rotary Club of Chattahoochee, Florida, September 1999

PUBLICATIONS

McCall, James Andrew, and Weber, Joe. 2005. Predicting Attendance at Southeastern U.S. Amusement Parks Using Accessibility- and Amenity-Based Models. *The Geographical Bulletin* 47: 45-59.

TRAVELS

France, South Korea, United States, and Vietnam

ATTACHMENT B

Florida Department of Environmental Protection

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

July 26, 2010

U.S. Environmental Protection Agency
Attention: Jeanette Shepherd
OAR/OAP/Climate Protection Partnerships Division
1310 L Street, NW, 10th Floor,
Washington, DC 20005

***RE: Miami-Dade County's* Park and Recreation Department's "Climate Showcase Communities" Grant Application**

Dear Ms. Shepherd:

We are pleased to provide this letter of support for Miami-Dade County's grant application to the United States Environmental Protection Agency for the planning, design and implementation of the **North Dade Greenway/Snake Creek Trail and Community Enhancements.** The Florida Department of Environmental Protection, Division of Recreation and Parks (the Division) strongly supports this project that will further Miami-Dade County's commitment towards implementing projects that reduce greenhouse gas emissions and derive in numerous environmental and health benefits to the community.

If funded, Miami-Dade County will complete the planning, design and construction documents for the construction of the North Dade Greenway/Snake Creek Trail. The unique planning approach described in our application supports the EPA/HUD/DOT partnership livability principles by: providing more transportation choices; increasing economic competitiveness; supporting existing communities; and valuing communities and neighborhoods. The methodology can be replicated by the County in future greenway and trail projects as part of the 500 miles of greenways envisioned in the Miami-Dade County Parks and Open Space System Master Plan. This comprehensive analysis integrates the surrounding community as part of the planning and design process which can be applied by other communities across the nation.

In addition to supporting the proposed project, the Division commits to collaborating with Dade County in integrating the greenway project with the programs and recreational opportunities offered by Oleta River State Park, located in North Miami.

The Division strongly believes this grant initiative will allow for meaningful long-term environmental and sustainable benefits to the community that include, but are not limited to: reductions in Green House Gas emissions; reductions in Heat Island effects; reductions in carbon dioxide; encouragement of physical activity leading to reductions in obesity and obesity related diseases; and reductions in bicycle and pedestrian accidents. I strongly encourage EPA's support in assisting Miami-Dade County in turning this opportunity into a reality.

Should you have any questions or concerns, please don't hesitate to contact me at 850-245-3051.

Sincerely,

Lew Scruggs

Lew Scruggs
Assistant Chief
Office of Park Planning
Division of Recreation and Parks

LS/pk

cc: Paul Rice, Chief, District 5 Administration
Steven Dale, Park Manager, Oleta River State Park

ATTACHMENT B

MIAMI-DADE COUNTY

Carlos Alvarez, Mayor

Office of Sustainability
111 NW 1st Street • 22nd Floor
Miami, Florida 33128-1994
T 305-375-5593

miamidade.gov

July 26, 2010

U.S. Environmental Protection Agency
Attention: Jeanette Shepherd
OAR/OAP/Climate Protection Partnerships Division
1310 L Street, NW, 10th Floor,
Washington, DC 20005

***RE: Miami-Dade County's* Park and Recreation Department's "Climate Showcase Communities" Grant Application**

Dear Ms. Shepherd:

We are pleased to provide this letter in support of Miami-Dade County's grant application to the United States Environmental Protection Agency for the planning, design and implementation of the **North Dade Greenway/Snake Creek Trail and Community Enhancements**. The Miami-Dade County Mayor's Office of Sustainability strongly supports this project. This project will further the goals of the County's Green Print Sustainability Plan and its commitment towards implementing projects that reduce greenhouse gas emissions and derive in numerous environmental and health benefits to the community.

If funded, Miami-Dade County Office of Sustainability will provide support to the project team in developing a strategy for calculating and monitoring actual CO2 emissions reductions for the North Dade Greenway/Snake Creek Trail and community enhancements project. The unique planning approach described in our application supports the EPA/HUD/DOT partnership livability principles by: providing more transportation choices; increasing economic competitiveness; supporting existing communities; and valuing communities and neighborhoods. The methodology can be replicated by the County in future greenway and trail projects as part of the 500 miles of greenways envisioned in the Miami-Dade County Parks and Open Space System Master Plan. This comprehensive analysis integrates the surrounding community as part of the planning and design process which can be applied by other communities across the nation.

Miami-Dade County Office of Sustainability strongly believes this grant initiative will allow for meaningful long-term environmental and sustainable benefits to the community that include, but are not limited to: reductions in Green House Gas emissions; reductions in Heat Island effects; reductions in carbon dioxide; encouragement of physical activity leading to reductions in obesity and obesity related diseases; and reductions in bicycle and pedestrian accidents. I strongly encourage EPA's support in assisting Miami-Dade County in turning this opportunity into a reality.

Should you have any questions or concerns, please don't hesitate to contact me at (305) 3375-5593.

Yours truly,

Susanne M. Torriente, Director
Miami-Dade County Office of Sustainability

ATTACHMENT B

METROPO' \N PLANNING ORGANIZATION
(MPO) SECRETARIAT
111 N.W. 1 STREET, SUITE 920
MIAMI, FLORIDA 33128-1904
(305) 375-4507
FAX: (305) 375-4950

July 26, 2010

U.S. Environmental Protection Agency
Attention: Jeanette Shepherd
OAR/OAP/Climate Protection Partnerships Division
1310 L Street, NW, 10th Floor,
Washington, DC 20005

RE: Miami-Dade County's Park and Recreation Department's "Climate Showcase Communities" Grant Application

Dear Ms. Shepherd:

I am pleased to provide this letter of support for Miami-Dade County's grant application to the United States Environmental Protection Agency for the planning, design and implementation of the **North Dade Greenway/Snake Creek Trail Community Enhancements**. The Miami-Dade MPO strongly supports this project that will further Miami-Dade County's commitment towards implementing projects that reduce greenhouse gas emissions and derive in numerous environmental and health benefits to the community.

The unique planning approach described in their application supports the EPA/HUD/DOT partnership livability principles by: providing more transportation choices; increasing economic competitiveness; supporting existing communities; and valuing communities and neighborhoods. The methodology can be replicated by the County in future greenway and trail projects as part of the 500 miles of greenways envisioned in the Miami-Dade County Parks and Open Space System Master Plan. This comprehensive analysis integrates the surrounding community as part of the planning and design process which can be applied by other communities across the nation. I encourage EPA's support in assisting Miami-Dade County in turning this opportunity into a reality.

Should you have any questions or concerns, please don't hesitate to contact me at 305-375-1647.

Sincerely,

David Henderson

David Henderson
Bicycle/Pedestrian Coordinator

MIAMI-DADE COUNTY

Carlos Alvarez, Mayor

ADA Coordination
Agenda Coordination
Animal Services
Art in Public Places
Audit and Management Services
Aviation
Building
Building Code Compliance
Business Development
Capital Improvements
Citizens' Independent Transportation Trust
Commission on Ethics and Public Trust
Communications
Community Action Agency
Community & Economic Development
Community Relations
Consumer Services
Corrections & Rehabilitation
Cultural Affairs
Elections
Emergency Management
Employee Relations
Empowerment Trust
Enterprise Technology Services
Environmental Resources Management
Fair Employment Practices
Finance
Fire Rescue
General Services Administration
Government Information Center
Historic Preservation
Homeless Trust
Housing Agency
Housing Finance Authority
Human Services
Independent Review Panel
International Trade Consortium
Juvenile Services
Medical Examiner
Metro-Miami Action Plan
Metropolitan Planning Organization
Park and Recreation
Planning and Zoning
Police
Procurement Management
Property Appraisal
Public Library System
Public Works
Safe Neighborhood Parks
Seaport
Solid Waste Management
Strategic Business Management
Team Metro
Transit
Task Force on Urban Economic Revitalization

Park and Recreation
275 NW 2nd Street
Miami, Florida 33128
T 305-755-7800

miamidade.gov

July 26, 2010

U.S. Environmental Protection Agency
Attention: Jeanette Shepherd
OAR/OAP/Climate Protection Partnerships Division
1310 L Street, NW, 10th Floor,
Washington, DC 20005

***RE: Miami-Dade County's* Park and Recreation Department's "Climate Showcase Communities" Grant Application**

Dear Ms. Shepherd:

We are pleased to provide this letter of commitment of Miami-Dade County's Park and Recreation grant application to the United States Environmental Protection Agency for the planning, design and implementation of the **North Dade Greenway/Snake Creek Trail and Community Enhancements**. We strongly believe this project will further the goals of the County's Park and Recreation Department's commitment towards implementing projects that reduce greenhouse gas emissions and derive in numerous environmental and health benefits to the community.

Miami Dade County Park and Recreation Department's unique planning approach described in our application supports the EPA/HUD/DOT partnership livability principles by: providing more transportation choices; increasing economic competitiveness; supporting existing communities; and valuing communities and neighborhoods. The methodology can be replicated by the County in future greenway and trail projects as part of the 500 miles of greenways envisioned in the Miami-Dade County Parks and Open Space System Master Plan. This comprehensive analysis integrates the surrounding community as part of the planning and design process which can be applied by other communities across the nation.

This grant initiative will allow for meaningful long-term environmental and sustainable benefits to the community that include, but are not limited to: reductions in Green House Gas emissions; reductions in Heat Island effects; reductions in carbon dioxide; encouragement of physical activity leading to reductions in obesity and obesity related diseases; and reductions in bicycle and pedestrian accidents. I strongly encourage EPA's support in assisting Miami-Dade County in turning this opportunity into a reality.

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Should you have any questions or concerns, please don't hesitate to contact me at (305) 755-7877.

Sincerely,

W. Howard Gregg
Deputy Director